

PATENT ABSTRACTS OF JAPAN

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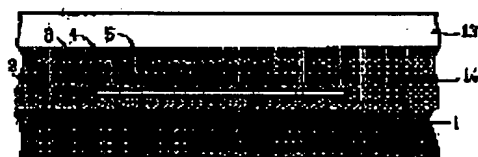
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MANABE MASAMICHI**(54) ORGANIC EL ELEMENT****(57)Abstract:****PURPOSE:** To form thin without losing the moisture resistant effect, and to reduce the manufacturing cost.**CONSTITUTION:** After laminating a transparent electrode 2, a hole transport layer 3, an organic substance EL layer 4, and a back electrode 5 in order on a glass substrate 1, a water unpermeable glass substrate 13 is fixed through a photo-curing type resin layer 14 which has a moisture resistance. As a result, the progress of deterioration of the EL element can be suppressed broadly, and a long service life can be realized. Since an airtight case 7 provided for vacuum suction conventionally is made unnecessary, the organic EL element itself can be formed thin,

and since the design and the process of the airtight case 7, and the sealing process after vacuum suction is formed are also made unnecessary, the manufacturing cost of the organic EL element can be reduced extensively.

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1.This document has been translated by computer. So the translation may not reflect the original precisely.

2.*** shows the word which can not be translated.

3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] The organic EL device characterized by providing the organic substance EL layer pinched with thin film-like a transparent electrode and a back plate on the glass substrate, the photo-setting resin layer which has the moisture resistance formed so that this organic substance EL layer might be covered, and the permeable small substrate which fixed in the upper part of this photo-setting resin layer.

[Translation done.]